

STATE OF
COLORADO

Russell - DNR, Elliott <elliott.russell@state.co.us>

Fwd: CC&V Mill tails

Means - DNR, Russ <russ.means@state.co.us>
To: Elliott Russell - DNR <elliott.russell@state.co.us>

Mon, Feb 4, 2019 at 6:06 PM

Original email

----- Forwarded message -----

From: <drdwts@aol.com>
Date: Sun, Feb 3, 2019, 5:50 PM
Subject: CC&V Mill tails
To: <russ.means@state.co.us>

Mr. Means,

I'm effectively notifying DRMS of the ongoing violations on VLF 2 at CC&V (Newmont) as follows:

1. Newmont is continually dumping raw (unmixed mill tails) mill tails on the leach pad at the 9950 elevation.
2. When they do mix the mill tails it's 25% mill tails to 75% crushed ore. Not the permitted 10% mill tails to 90% crushed ore.
3. They are still dumping mill tails over the outside face of the lift not staying back 25ft. from the face of the pile.

Newmont has no regard for their permits or the authority of the DRMS !!! I have read through every document from 2015 to 2019 on the DRMS database, it's very clear that Newmont is not concerned about DRMS' bark or their bite !!! It's very evident that Newmont just tells DRMS what they want to hear and then do whatever they want until they're caught and their hand is slapped and then laugh as the inspectors leave the mine site.

The VLF 2 (an environmental protection facility) has a very strong chance of a major liner failure more than what they still have, if Newmont continues to ignore the engineering loading parameters of VLF 2. As we all know this is a valley leach pad facility NOT a Nevada leach pad on flat ground.

I would like a response of how this was handled.

Also I haven't seen/or can't find where Newmont has sent the DRMS an explanation on the matters that DRMS has asked for last summer, if DRMS has this document please forward it to me. I would also ask you to send me all the water sample results from the monitoring wells and surface water sampling points with a map and the full reports of all water samples of 2014 to the end of 2018 I think I have most of them but I want to make sure.

Thanks,
Ryan Blevins

701-570-9254

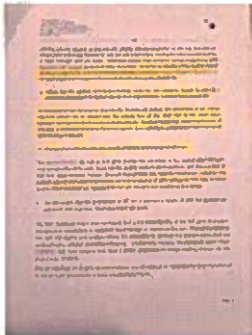
4 attachments



Mill tails 001.PNG
2717K



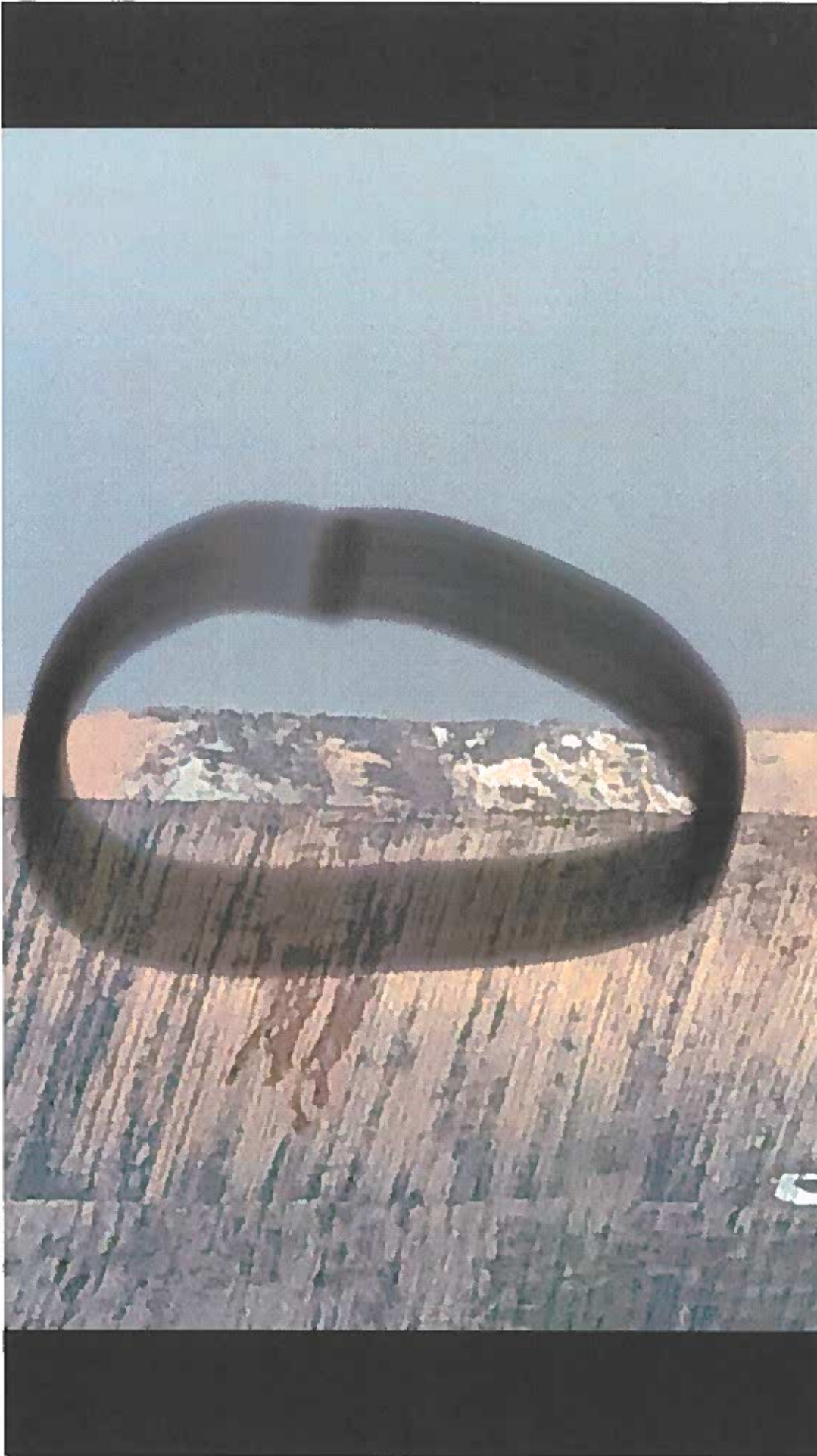
IMG_2093 (1).jpg
2254K



IMG_2095.jpg
152K



IMG_2096.jpg
125K





M-1980-244- TR103

**Complied!
FIVE prior Violations!**

tc1, whe

May 2, 2018

SENT CERTIFIED RETURN RECEIPT REQUESTED
7017 2400 0000 4077 8623

Newmont Mining Corporation

Cripple Creek & Victor Gold Mining Company

100 N 3rd St

P.O. Box 191

Victor, CO 80860

www.newmont.com

RECEIVED

MAY 07 2018

DIVISION OF RECLAMATION
MINING AND SAFETY

Mr. Timothy Cazier, P.E.
Environmental Protection Specialist
Colorado Department of Natural Resources
Division of Reclamation, Mining and Safety
Office of Mined Land Reclamation
1313 Sherman Street, Room 215
Denver, Colorado 80203

**Re: Permit No. M-1980-244; Cripple Creek & Victor Gold Mining Company; Cresson Project; -
TR 103- VLF2 Ore Stacking Guidelines**

Dear Mr. Cazier:

Newmont Mining Company's Cripple Creek and Victor Gold Mining Company (CC&V) hereby submits Technical Revision (TR) 103 outlining the procedures and placement of ore on the Squaw Gulch Valley Leach Facility (VLF2).

Background:

On April 12, 2018, CC&V signed a Consent Agenda addressing possible violations observed by the Division of Reclamation, Mining and Safety (DRMS) during the February site-wide inspection. Within the terms of the Consent Agenda, CC&V agreed to:

Corrective Action 3)

"File a Technical Revision to clarify the operational procedures whereby ore is placed in the Squaw Gulch Valley Leach Facility..."

To satisfy this corrective action, CC&V has contracted NewFields, a third-party engineering firm, to develop a document that consolidates information and provides recommendations regarding the ore stacking requirements for VLF2. This review is provided as Attachment 1.

Schedule:

CC&V will continue the placement of ore on VLF2 in accordance with the guidelines presented in this TR. Any required clarifications will be provided to DRMS in a timely manner.

Technical Memorandum
Liner Integrity Engineering Support
VLF2 Ore Stacking Recommendations
NewFields Job No. 475.0106.023
April 30, 2018

crushes ore and places it on the pad, the stability analysis completed to date has assumed the crushed ore is the only material on the pad as a conservative assumption since crushed ore has a lower strength than the ROM. Additional studies have included mixing crushed ore with materials with a higher percent of fines, like tailings, to verify the stability of the facility. Based on these analyses, the recommendations have been to place the mixed tailings in the interior of the pad where the finer grained material doesn't pose a geotechnical risk.

- When the lift consists of blended tailings material, this material should be placed a minimum distance of 25' back from the final exposed slope (outside face) of each lift.

As discussed in the documents listed in the background section, the placement of the tailings material should not be placed near the outside face of any slope due to the lower shear strength associated with the finer grained material. Keeping the tailings within the interior of the pad, a minimum of 25 feet from the outside face, minimizes geotechnical risks associated with loading of the pad.

- The nominal ratio of materials placed on VLF2 is 10% tailings to 90% ore.

The percent fines in the tailings and some crushed ore will effect of the overall shear strength and permeability of the pad. Based on the stability evaluations completed, and documented in the Non Agglomerated Tailings Strength Assessment and Stability Evaluation, keeping the overall ratio of the material placed in VLF2 to a mixture of 10% tailings to 90% ore, crushed and/or ROM material, has minimal effect on the strength and stability of the facility.

- The lift height shall be a minimum of 20' and a maximum height of 100' for crushed ore and ROM with less than 3 inch maximum size rocks.

The 100' maximum height was developed during the initial loading of the VLF1 pad to prevent the operators developing an excessive slope at angle of repose on the pad. The combination of the 100' lift heights and benches allows the operators to develop the overall slopes that are outlined below without additional reshaping. Additionally, keeping the maximum slope height limited to 100' with material less than 3 inches minimizes the initial loading stresses on the Drain Cover Fill (DCF).

The 20' minimum lift height recommendation was developed to minimize the force transferred to the DCF and geomembrane from a loaded haul trucks.

**COLORADO**Division of Reclamation,
Mining and Safety

Department of Natural Resources

1313 Sherman Street, Room 215
Denver, CO 80203

June 4, 2018

Mr. Mike Schaffner

Cripple Creek & Victor Gold Mining Company
P. O. Box 191
Victor, CO 80860Re: Project, Permit No. M-1980-244;
Technical Revision (TR-103) Approval

Dear Mr. Schaffner:

On May 31, 2018 the Division of Reclamation, Mining and Safety received your emailed response to our adequacy letter. The Division has reviewed your responses and approved the Technical Revision application submitted to the Division on May 7, 2018 addressing the following:

VLF2 Ore Stacking Guidelines

The terms of the Technical Revision No. 103 approved by the Division are hereby incorporated into Permit No. M-1980-244. All other conditions and requirements of Permit No. M-1980-244 remain in full force and effect.

The Division has reviewed the change associated with TR-103 for impacts to the financial warranty and has determined that this change does not require an increase to the current reclamation liability. Therefore, the surplus warranty remains at \$302,890.00, last adjusted with the approval of TRs 97 and 98 on May 30, 2018. Please note TRs 100, 101 and 102 are currently under review by the Division, and may or may not have impacts on the financial warranty. TR-99 was withdrawn, therefore had no impact on the warranty.

If you have any questions or need further information, please contact me at (303)866-3567 x8169.

Sincerely,

Timothy A. Cazier, P.E.
Environmental Protection Specialistcc: Michael Cunningham, DRMS
Elliott Russell, DRMS
Amy Eschberger, DRMS
DRMS file
Meg Burt, CC&V1313 Sherman Street, Room 215, Denver, CO 80203 P 303.866.3567 F 303.832.8106 <http://mining.state.co.us>
John W. Hickenlooper, Governor | Robert Randall, Executive Director | Virginia Brannon, Director